

Scientist Sees Chaos if Race Energy Wanes

Dr. Baker Warns Gathering
Intellectual and Spiritual
Forces Must Be Main-
tained at All Times

Calls Ku-Klux Medieval

Condemns Fight of Bryan 'to
Stifle Freedom of Thought
in Research Efforts'

CAMBRIDGE, Mass., Dec. 27.—The maintenance of the energy of the race is the real task of our civilization, Dr. Thomas S. Baker, secretary and acting president of the Carnegie Institute of Technology, Pittsburgh, said in an address to-day at a sectional meeting of the American Association for the Advancement of Science. Keeping alive the intellectual and spiritual forces of the race, he urged as essential to such maintenance.

"Is degeneration inevitable?" he asked. "It would be a bold prophet who would say no. But to answer it in the affirmative means the acceptance of a form of fatalism that will ultimately bring with it a decline in human confidence and effort. Optimism is an essential in the conservation of our present stock of human energy."

New Ideas Necessary
"The energy of the race can be conserved only through new ideas, new discoveries and the application of these discoveries."

Pointing out the dangers of mob domination as it throttled original thinking during the Middle Ages, Dr. Baker said: "I cannot refrain from mentioning as recent examples of medievalism the fight of Bryan to stifle freedom of thought in the field of science, and the fight of the Ku-Klux Klan to reduce the country to a state of mob rule."

Addressing the American Psychological Association, Dr. Harry D. Kitson, professor of psychology at Indiana University, said that a popular theory that human and heavy men made the best scientists had been disproved by scientific analysis of the earnings of 600 scientists.

Entomological Society Elects

The Entomological Society of America at a business session elected as its president Professor T. D. A. Cockerell, of the University of California, the best scientist in the country. Dr. H. M.

Parshley, associate professor of zoology at Smith College, addressed the society to-day.

Speaking before the American Astronomical Society, Colonel John Mills, Engineer Corps, U. S. A., said there seemed to be strong probability of some fundamental relationship among the phenomena that had produced the similarity of main features and markings on the surfaces of the earth, the moon and Mars. He advanced the idea that a reconciliation might be possible of the two leading theories as to the surface features of the moon—volcanic action and impact by meteors.

Talking Picture Heard
And Seen at Radio Show

Visitors Witness Demonstration
of Device Recently Per-
fected by Engineer

Every day in every way there seems to be something new to the world being offered at the Radio Show at the Grand Central Palace. This time it's a talking motion picture, which New York has never before seen and which for the first time a large audience of New Yorkers saw and heard yesterday in the lecture hall at the show.

Several weeks ago S. S. Watkins, a Western Electric engineer, delivered a lecture to a group in the company's laboratories on the theme of "The Radio Vacuum Tube," at the same time giving a demonstration of the application and construction of the device.

Mr. Watkins' lecture was recorded on a phonograph disk, his demonstration by a motion picture camera. The two were then synchronized, with the result that the entire proceeding, both visible and audible, was preserved for other audiences.

Rockefeller Jr. Speaks To-day
Will Appear at Budget Week
Luncheon of Y. W. C. A.

John D. Rockefeller Jr. will be one of the speakers to-day at the Y. W. C. A. budget week luncheon, when Mrs. William Fellowes Morgan, president of the New York City Y. W. C. A., will receive the reports on the total amount raised in the drive for the 1923 budget of \$300,000.

During the special budget week late in November the goal was missed by \$65,000, and the members of the committee set themselves to raise this amount by to-day by asking their friends and the public to make over Christmas checks to the Y. W. C. A.

The committee includes Mrs. Stephen Clark, Mrs. Dwight W. Morrow, Mrs. John C. Clark, Mrs. William Henry Hays, Mrs. E. M. Townsend, Mrs. Jonathan B. Wiley, Mrs. Howard G. Myers, Mrs. William Sloane Coffin and Mrs. Morgan.

Postoffice Force Thanked
WASHINGTON, Dec. 27.—Postmaster General Work in a statement to-day thanked postal workers for the promptness with which they handled the Christmas mails. The accomplishment was remarkable, he declared.

Richardson, violinist; William Payne, cornet; Will Howe, soprano; Miss Spooner, accompanist; Doris MacArthur; Beulah Cederberg, soprano.

WGB, Buffalo, N. Y. (360 meters)
7:30 and 7:45 p. m.—New, scout radio-grams and employment bulletin.
CKAC, Montreal, Canada (430 meters)
7:30 and 7:45 p. m.—Stories and music.

WGY, Schenectady, N. Y. (460 meters)
7:45 p. m.—Mrs. Ernest Caswell, harp; guitar; Ernest Caswell, Hawaiian guitar; Walter Elliott, violin; Irene McCready, soprano; Edith Cook Smith, piano; American Hawaiian Trio: "The Election," by M. R. Cumming.

KDKA, Pittsburgh, Pa. (360 meters)
8:15 p. m.—Adelle Eggers Furness, soprano; Fred Feigenbaum, violin; Grace Schaney, accompanist; Flora Striner, pianist and accompanist; J. Alvin Little, baritone.

WLV, Cincinnati, Ohio (560 meters)
9 p. m.—Musical entertainment.
WWJ, Detroit, Mich. (400 meters)
8:30 p. m.—The town crier.

KYW, Chicago, Ill. (400 meters)
9:20 p. m.—Musical program. Details to be announced by radio phone.
WOC, Davenport, Iowa (400 meters)
8 p. m.—Kiwanis Quartet; comic opera by Peter MacArthur and Edwin Swindell; Mrs. Charlotte Anderson Warren, soprano; Gertrude Branigan, pianist.

WSD, St. Louis, Mo. (400 meters)
12 p. m.—Clinda Glinkensmith, soprano; Vin James, pianist, and assisting artists.
WBAP, Fort Worth, Tex. (400 meters)
8:30 and 11:30 p. m.—Concert.

WHAS, Louisville, Ky. (360 meters)
8:20 p. m.—Dance Concert, No. 18, Junior Order United Mechanics; International Sunday School Lesson, by the Rev. Dr. Bauerwieser, Child Welfare address, by Dr. Annie S. Veach.

WGB, Atlanta, Ga. (400 meters)
8 p. m.—Mary Lee Davis, soprano and piano; Harry Phillips, tenor; J. L. Smith, tenor.
11:45 p. m.—Radio-gram concert by White (colored) Syncopators.

Manning Officials At 30th Anniversary Of New Cathedral

Bishop Also Dedicates Statue
of Joan of Arc, Which Is
to Remain in the Chapel
of St. Martin of Tours

Services commemorating the thirtieth anniversary of the laying of its cornerstone were held at the Cathedral of St. John the Divine yesterday. At the same time a statue of Joan of Arc was dedicated, Bishop William T. Manning officiating at the ceremony.

The services were attended by the Diocesan Auxiliary to the cathedral. The statue, recently completed by Miss Anna Vaughn Hyatt, was dedicated in the Chapel of St. Martin of Tours. The heroine of France is shown standing, wearing a suit of armor with a cape draped around the figure. The late J. Sanford Saltus is the donor of the statue, which was presented to the cathedral through the Joan of Arc statue committee.

In his dedicatory address Bishop Manning pointed out that it was particularly fitting for a statue of the French saint to be placed in the cathedral as a symbol of the friendly relationship between the United States and France. He gave a short history of the construction of the cathedral and expressed the opinion that the time is now at hand for resumption of building activities. He said:

"This service has special significance, because just thirty years ago to-day, on the Feast of St. John the Evangelist, the cornerstone of this great cathedral was laid. The project was inaugurated by Bishop Horatio Potter, and the charter was secured by him and others in 1873. Building operations were started during the episcopate of his nephew and successor, Henry Codman Potter. In 1891 the de-

sign of Messrs. Heins and La Farge, the original architects, was accepted and the cornerstone was laid in the following year.

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"The work of building has gone forward, and although it was interrupted by the great war, there has never been any faltering of purpose or falling of resolution and will. I believe the time is now at hand for us to take up this great enterprise again, and my hope is that when the work of building is resumed it will not stop until the edifice is completed."

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